

Patent claims

1. A work table with a worktop for mounting tools,
5 characterized in that

the worktop (2) exhibits at least one or a plurality of recesses (4), wherein arranged in each case in each recess (4) is a worktop segment (5) that is rotatably mounted in the worktop (2) about an axis of rotation (28) running parallel with the upper surface of the worktop (2);

15 the work table (1) comprises devices for locking the worktop segment (5) in the worktop (2);

20 the worktop segment (5) in the area of the axis of rotation (28) is mounted in each case in two guides embodied on the work table; and

25 the worktop segment (5) is capable of displacement alone or with the axis of rotation (28) along the guides parallel with the upper surface of the worktop (2).

25 2. The work table as claimed in claim 1, characterized in that the upper surface of the worktop segment (5.1) in the locked state and the upper surface of the worktop (2) together form a single plane.

30 3. The work table as claimed in one of the preceding claims, characterized in that the devices for locking the worktop segment in the worktop (2) are executed as locking levers (6), wherein

35 at least two locking levers (6) are provided for every worktop segment (5.1), and

every locking lever (6) exhibits a first position and a second position, in which first position the worktop segment (5.1) is capable of rotating in the work table (1) (unlocked state of the worktop segment), and in which second position the worktop segment (5.1) is locked in the worktop (1) (locked state of the worktop segment).

5 4. The work table as claimed in one of the preceding
10 claims, characterized in that a first edge (25 or
 26) of the worktop segment (5.1) in the locked
 state is part of an outer edge of the worktop (2).

15 5. The work table as claimed in claim 4,
 characterized in that the first edge (25) of the
 worktop segment (5.1) exhibits a first groove
 (15), the second edge (26) of the worktop segment
 (5.1) lying opposite this edge (25) exhibits a
 second groove (16), and the worktop (2) in the
 recess (4) exhibits a first web (12), which is
 complementary to the first (15) and second grooves
 (16),

25 wherein the web (12) is executed on the edge of
 the worktop (2), which in the locked state of the
 worktop segment (5.1) is adjacent to the second
 edge (26 or 25) of the worktop segment, and
 wherein

30 in the locked state the first web (12) engages in
 the second groove (16) and in the unlocked state
 the engagement between the web (12) and the second
 groove (16) is released.

35 6. The work table as claimed in claim 1,
 characterized in that the upper surface of the
 worktop segment (5.2) in the locked state is
 arranged parallel with the upper surface of the
 worktop (2), wherein

the worktop segment (5.2) is present either in a first plane or in a second plane, wherein

5 the second plane runs below the first plane in relation to the height of the work table (1);

10 the upper surface of the worktop segment (5.2) and the upper surface of the worktop (2) form a plane if the worktop segment (5.2) is present in the first plane; and

15 the upper surface of the worktop segment (5.2) is present below the upper surface of the worktop (2) in relation to the height of the work table (1) if the worktop segment (5.2) is present in the second plane.

7. The work table as claimed in claim 6,
20 characterized in that the devices for locking the worktop segment in the worktop are embodied as locking levers (6, 7), wherein

25 at least four locking levers (6, 7) are provided for each worktop segment (5.2);

30 two first locking levers (6) are arranged in the first plane, and two second locking levers (7) are arranged in the second plane;

35 each locking lever (6, 7) exhibits a first position and a second position, in which first position the worktop segment (5.2) is capable of rotating in the work table (1) (unlocked state of the worktop segment), and in which second position the worktop segment (5.2) is capable of being locked to the work table (1) (locked state of the worktop segment), and

the worktop segment (5.2) is either locked in the first plane by means of the first locking lever (6), or the worktop segment (5.2) is locked in the second plane by means of the second locking lever (7).

5 8. The work table as claimed in claim 6 or 7, characterized in that a first edge (25) of the worktop segment (5.2) in the locked state in the first plane forms a part of the outer edge of the worktop (2) if the worktop segment (5.2) is present in the first plane.

10 15. The work table as claimed in claim 8, characterized in that the first edge (25) of the worktop segment (5.2) exhibits a first groove (15), the second edge (26) of the worktop segment (5.2) lying opposite this edge (25) exhibits a second groove (16), and the worktop exhibits a first web (12) which is complementary to the second groove (16),

20 25. wherein the first web (12) is executed on the edge of the worktop, which, when the worktop segment (5.2) is in the first plane, in the locked state of the worktop segment (5.2), is adjacent to the second edge (16) of the worktop segment (5.2), and wherein

30 35. in the locked state the first web (12) engages in the second groove (16), when the worktop segment (5.2) is in the first plane, and in the unlocked state the engagement between the first web (12) and the second groove (16) is released.

10. The work table as claimed in one of claims 6 to 9, characterized in that the distance between the first plane and the second plane is variable.

11. The work table as claimed in one of claims 3 to
10, characterized in that the worktop segment (5)
exhibits four locking grooves (17), wherein in the
locked state two locking levers (6, 7) in each
5 case are in engagement with the locking grooves
(17).
12. The work table as claimed in one of the preceding
claims, characterized in that the locking levers
10 (7) are each mounted in a rotatable fashion on the
work table (1) via struts (31) and exhibit a
retaining hook (32) which in the locked state of
the worktop segment (5) engages with a retaining
plate (34), which executes on the locking grooves
15 (17).

8 pages of drawings appended